

AMENDMENT TO THE CLAIMS

1-23. (Canceled)

24. (Previously presented) A communications system comprising:

a communications lighting apparatus having an illumination light source adapted to emit illumination light and an information-transmitting unit adapted to emit an optical signal,

wherein said information-transmitting unit has light sources, a light beam from one of said light sources being emitted independent of a light beam from another of said light sources, and

wherein said information-transmitting unit is mounted on said illumination light source.

25-28. (Canceled)

29. (Previously presented) A communications system comprising:

a communications lighting apparatus having an illumination light source adapted to emit illumination light and an information-transmitting unit adapted to emit an optical signal,

wherein said information-transmitting unit has light sources, a light beam from one of said light sources being emitted independent of a light beam from another of said light sources, and

wherein said information-transmitting unit includes a recording medium and a reading section,

said reading section being adapted to read information stored in said recording medium,

said recording medium being removable from said information-transmitting unit.

30-39. (Canceled)

40. (Previously presented) A communications system according to claim 24, wherein said information-transmitting unit includes a recording medium and a reading section,

said reading section being adapted to read information stored in said recording medium,

said recording medium being removable from said information-transmitting unit.

41. (Currently amended) A communications system according to claim 24, further comprising ~~a third~~ a fourth light source unit adapted to emit a visible light beam.

42. (Previously presented) A communications system according to claim 41, wherein said visible light beam indicates a region in which said optical signal emitted from said information-transmitting unit is receivable.

43. (Previously presented) A communications system according to claim 24, wherein said illumination light source intermittently emits another optical signal in a predetermined pattern.

44. (Previously presented) A communications system according to claim 24, wherein light beams from said light sources are of the same wavelength.

45. (Previously presented) A communications system according to claim 24, wherein light beams from said light sources are of different wavelengths.

46. (Previously presented) A communications system according to claim 24, wherein said information-transmitting unit includes a light source section, said light source section being adapted to emit said optical signal.

47. (Previously presented) A communications system according to claim 46, wherein said optical signal includes information.

48. (Previously presented) A communications system according to claim 24, wherein said information-transmitting unit includes an interface, said interface being adapted to receive an input signal from an external device.

49. (Previously presented) A communications system according to claim 48, wherein said information-transmitting unit includes a recording section, said recording section being adapted to record said input signal.

50. (Previously presented) A communications system according to claim 48, wherein said interface is a Universal Serial Bus (USB).

51. (Previously presented) A communications system according to claim 48, wherein said interface is a fiber connector.

52. (Previously presented) A communications system according to claim 24, wherein said information-transmitting unit has an emission band in the near-infrared band, the intermediate far-infrared band or a longer wavelength band.

53. (Previously presented) A communications system according to claim 24, wherein said information-transmitting unit has an end-plane emission semiconductor laser used as a light source.

54. (Previously presented) A communications system according to claim 24, wherein said information-transmitting unit has a vertical-plane emission semiconductor laser used as a light source.

55. (Previously presented) A communications system according to claim 24, wherein said information-transmitting unit has a quantum-cascade semiconductor laser used as a light source.

56. (Previously presented) A communications system according to claim 24, wherein said information-transmitting unit is a combination of an end-plane emission semiconductor laser, a vertical-plane emission semiconductor laser, and a quantum-cascade semiconductor layer.

57. (Previously presented) A communications system according to claim 24, wherein said light sources emit said optical signal.

58. (Previously presented) A communications system according to claim 57, further comprising:

a mobile terminal device adapted to receive said optical signal.

59. (Previously presented) A communications system according to claim 58, wherein said mobile terminal device is adapted to display contents of said optical signal.